



# Cuisinart 4-Slice Tandem Toaster Teardown

This guide will illustrate how to teardown the Cuisinart 4-Slice Tandem Toaster.

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## INTRODUCTION

This guide is part of a reverse engineering project for EE 460. We were given a Cuisinart 4-Slice Tandem Toaster, and we broke it down into its most basic components.

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### TOOLS:

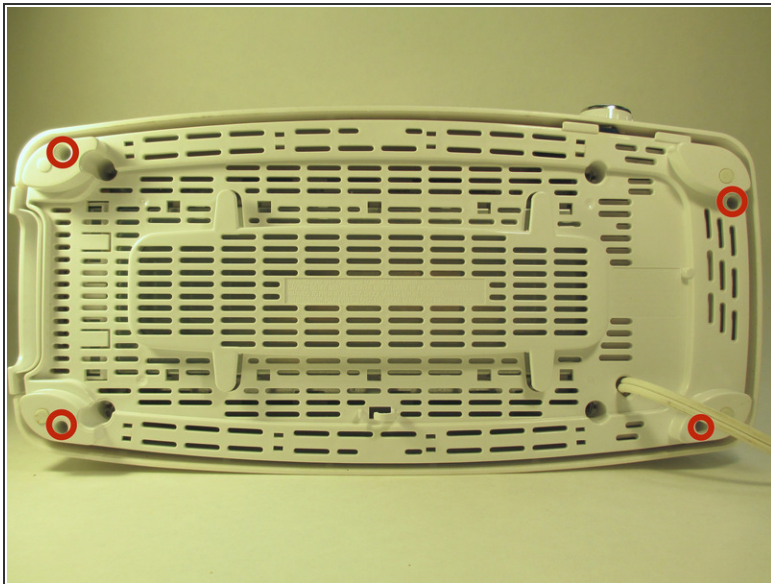
- [T8 Torx Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
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## Step 1 — Cuisinart 4-Slice Tandem Toaster Teardown



- This Cuisinart Toaster's technical highlights include:
  - Tandem, 2-slot toaster
  - 1½" wide toasting slots
  - Function control dial
  - Bagel, Defrost and Reheat selections
  - Blue LED shade control with large, easy-to-read numbers
  - 2 or 4 slice button; cancel button

## Step 2



⚠ Unplug the toaster prior to teardown.

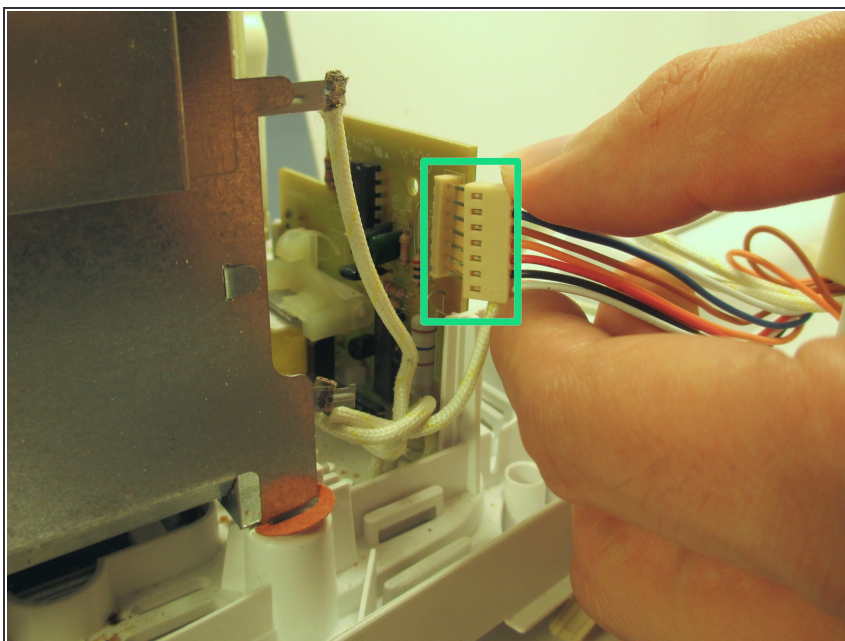
- On the bottom of the toaster, unscrew the 4 Torx screws (using a screw driver)

## Step 3



- Pull the press handle down and away from the toaster to disconnect the body.
- Lift up the body of the toaster.

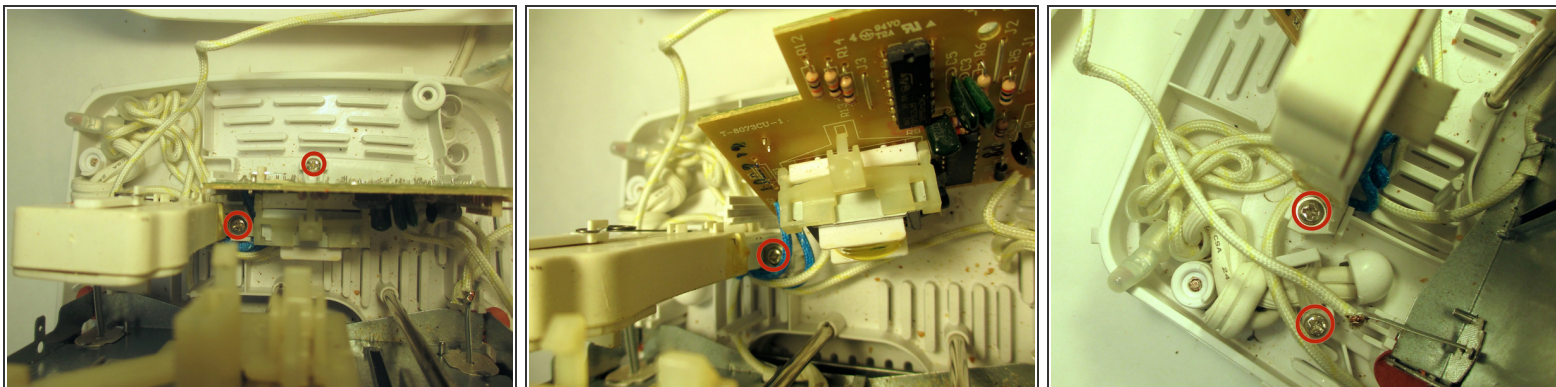
## Step 4



- Pull the pin header cable to disconnect the body of the toaster from the main assembly unit.

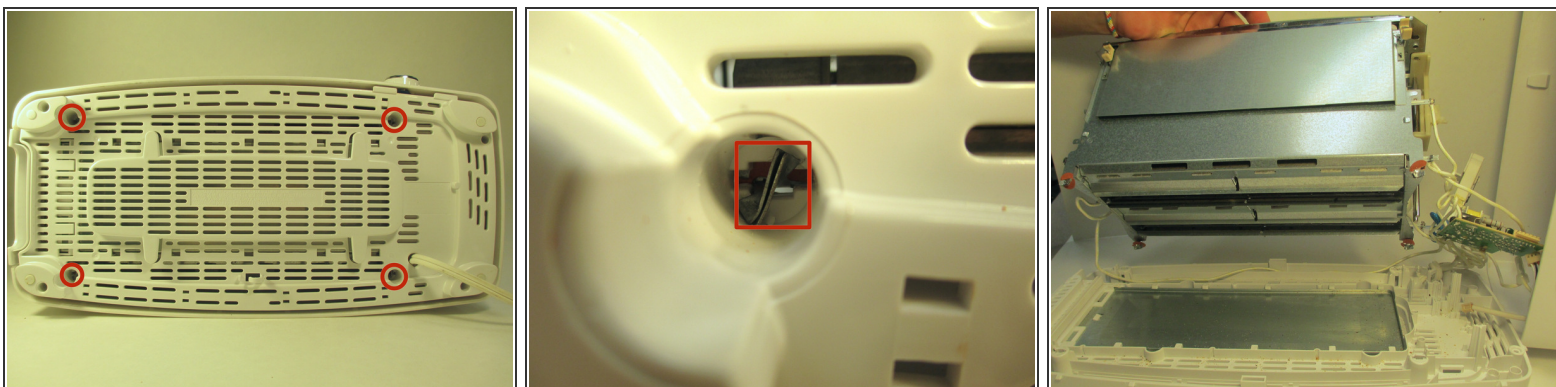


## Step 5



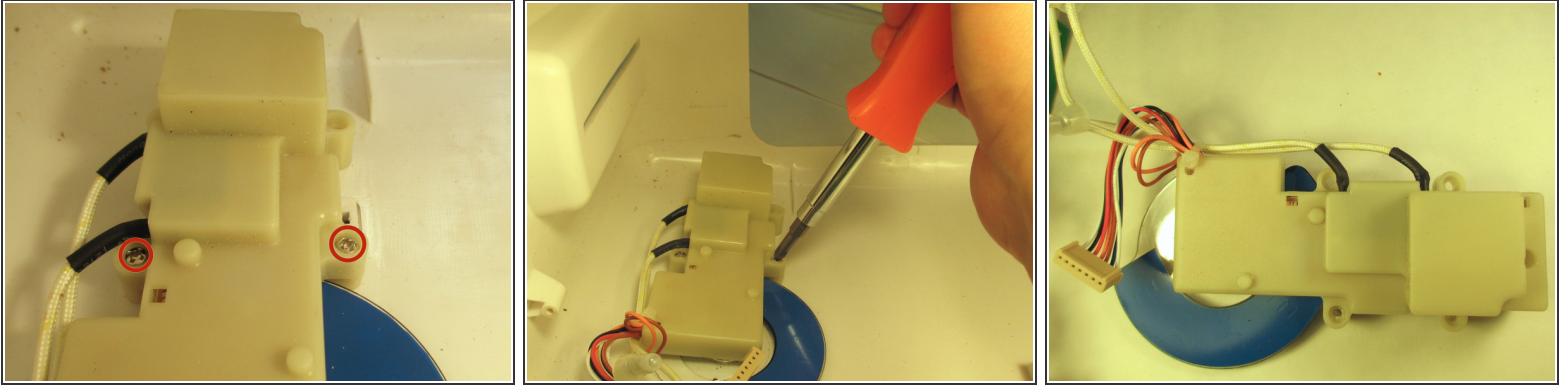
- Remove the 5 Torx screws to detach the heating unit from the bottom of the toaster unit.

## Step 6



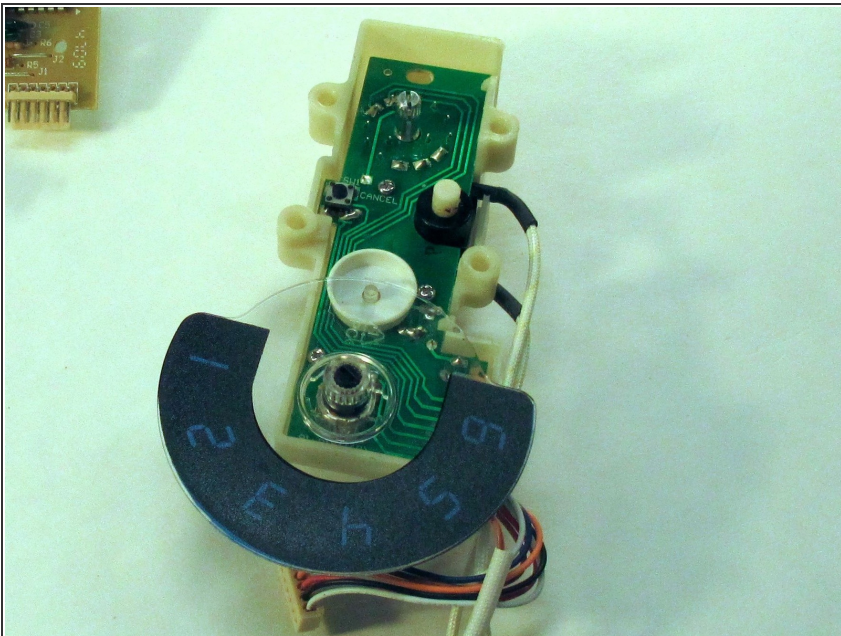
- Using a plastic opening tool, carefully pry open the metal casing underneath the toaster.

## Step 7



- Remove the screws to detach controls from the plastic shell of the toaster.

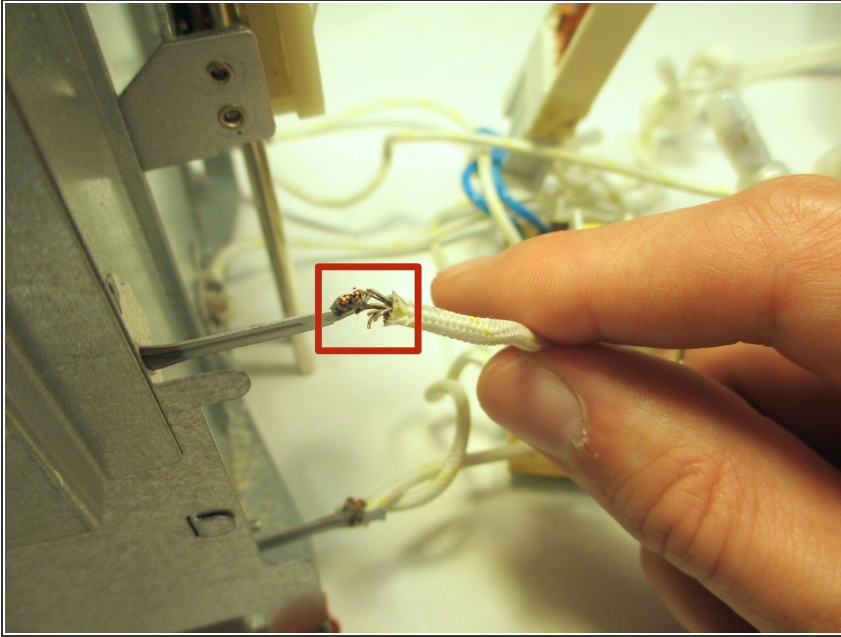
## Step 8



- Interior of the user control interface

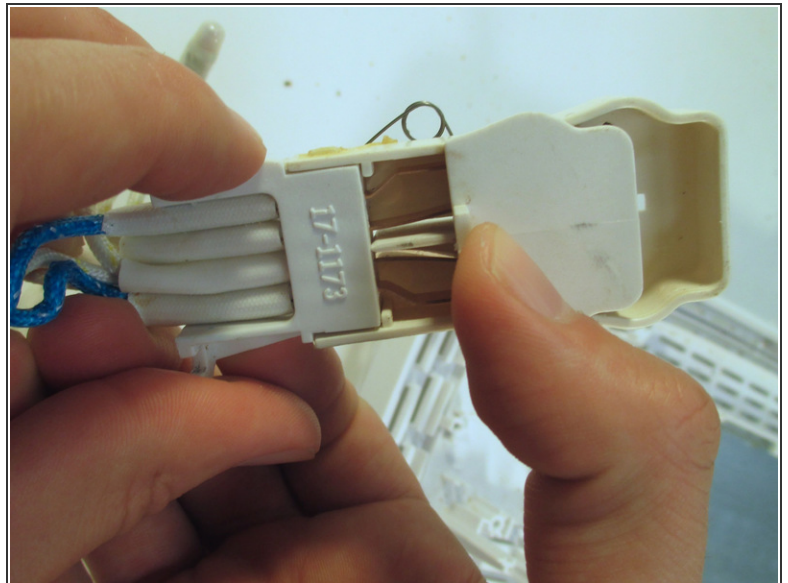
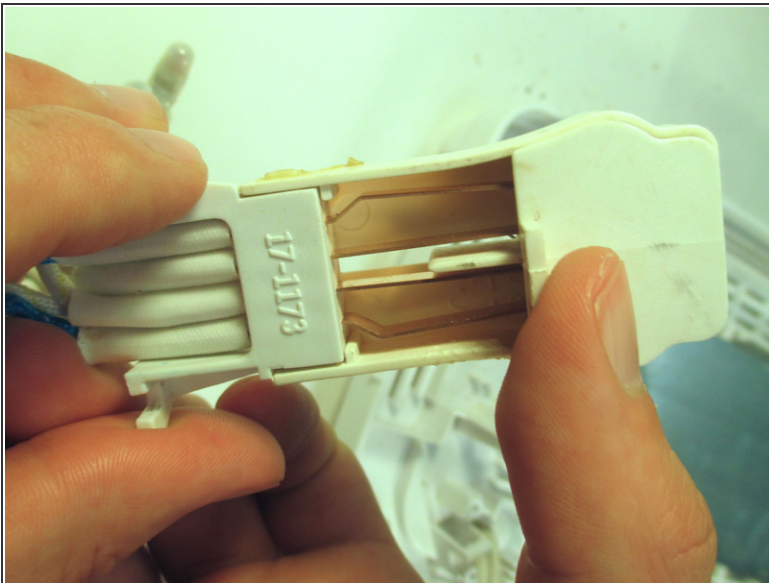


## Step 9

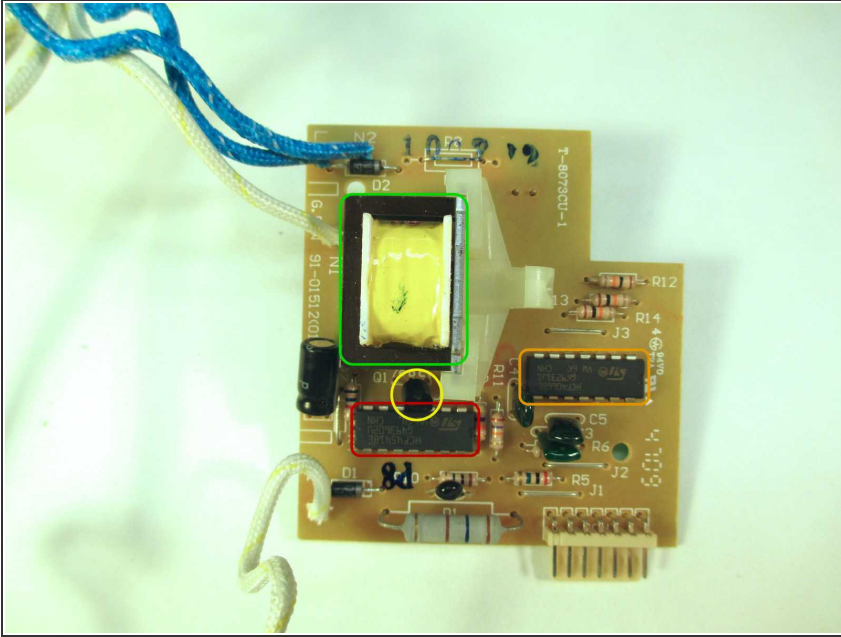


- Remove the soldered wire that is hooked to each part of the end plate assembly.

## Step 10



- Heating Unit



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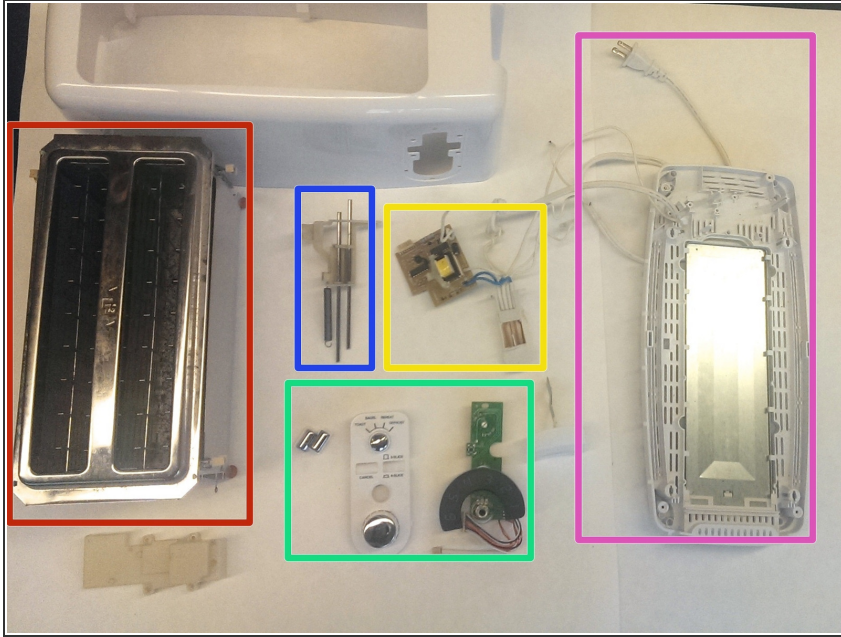
- Toasters of this age frequently use these "4000-series" integrated circuits as they can run off a wide range of supply voltages. Newer toasters use a microcontroller (essentially a simple micro computer) as this is more flexible in its functions and can also easily drive LEDs to show you what the toaster is doing.

## Step 12



- Main Assembly Unit

## Step 13



- Main Element Assembly
- Crumb Tray with Power Cord
- Circuitry with Heating Component
- User Control Interface with Buttons
- Press Handle Spring

To reassemble your device, follow these instructions in reverse order.

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